

# WISCONSIN

## Science and Engineering Profile

	WI	U.S.	Rank		WI	U.S.	Rank
Doctoral scientists, 1995	6,899	453,928	23	Total R&D performance, 1995 (millions)	\$2,226	\$177,210	22
Doctoral engineers, 1995	962	86,738	26	Industry R&D, 1995 (millions)	\$1,706	\$130,332	18
S&E doctorates awarded, 1996	577	27,230	16	Academic R&D, 1995 (millions)	\$473	\$21,606	14
of which, in life sciences	30%	25%		of which, in life sciences	60%	55%	
in engineering	22%	23%		in engineering	13%	16%	
in social sciences	16%	15%		in physical sciences	9%	10%	
S&E postdoctorates, 1995	687	35,379	16	Higher education current-fund expenditures, 1995 (millions)	\$3,768	\$182,602	16
in doctorate-granting institutions							
S&E graduate students, 1995	8,621	436,328	18	Number of SBIR awards, 1990-1996	202	26,399	25
in doctorate-granting institutions				Patents issued to state residents, 1996	1,321	61,099	13
Population, 1996 (000s)	5,160	269,067	18	Gross state product, 1994 (billions)	\$125.3	\$6,876.0	19
Civilian labor force, 1996 (000s)	2,918	135,528	15	of which, agriculture	2%	2%	
Personal income per capita, 1996	\$23,269	\$24,231	24	manufacturing, mining, construction	32%	23%	
Federal spending				transportation, communication, utilities	7%	9%	
Total expenditures, 1996 (millions)	\$19,959	\$1,368,858	24	wholesale and retail trade	15%	16%	
R&D obligations, 1995 (millions)	\$347	\$67,080	30	finance, insurance, real estate services	16%	19%	
				government	16%	20%	
					11%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in Wisconsin by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	347,089	40,344	0	35,934	260,374	6,720	3,717	30
<b>Department of Agriculture</b>	34,643	23,843	0	404	10,351	10	35	12
<b>Department of Commerce</b>	5,144	625	0	2,381	2,138	0	0	27
<b>Department of Defense</b>	30,945	971	0	9,003	20,971	0	0	36
<b>Department of Energy</b>	19,040	240	0	0	18,800	0	0	26
<b>Dept. of Health &amp; Human Services</b>	161,351	0	0	1,797	150,985	6,623	1,946	18
<b>Department of the Interior</b>	12,607	12,246	0	0	292	0	69	11
<b>Department of Transportation</b>	5,587	2,419	0	515	1,091	0	1,562	24
<b>Environmental Protection Agency</b>	2,010	0	0	0	1,905	0	105	30
<b>Nat'l Aeronautics &amp; Space Admin.</b>	35,932	0	0	21,737	14,108	87	0	17
<b>National Science Foundation</b>	39,830	0	0	97	39,733	0	0	18
<b>State rank</b>	30	34	na	35	13	30	19	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable